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LATHE
ISO 9001:2015
CERTIFIED COMPANY

**CONE PULLEY MEDIUM DUTY
LATHE MACHINE
MODEL - VM**



VINIT MACHINES PVT. LTD.

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MODEL - VM CONE PULLEY MEDIUM DUTY LATHE MACHINE : TECHNICAL SPECIFICATIONS

BED	
LENGTH OF BED	1825 mm (6')
ADMIT BETWEEN CENTRE	1000 mm
TYPE OF BED	Hardened Bed Ways
SWING OVER BED	420 mm
HEIGHT OF CENTRE	215 mm
WIDTH OF BED	277 mm
SWING OVER CROSS SLIDE	240 mm
SWING IN GAP	620 mm
LENGTH OF GAP IN FRONT OF FACE PLATE	125 mm

MAIN SPINDLE	
NO. OF SPINDLE SPEED	6
SPINDLE SPEED RANGE	40 to 550 RPM
TAPER IN SPINDLE	MT-6
SPINDLE BORE	50 mm
SPINDLE NOSE	Threaded
SPINDLE THREADS	6 TPI

THREADS	
LEAD SCREW DIAMETER / PITCH	31.75 mm / 4 TPI
NOS. OF THREADS/RANGE (WITHOUT NORTON GEAR BOX)	METRIC : 13 / 1 mm to 6 mm PITCH INCH : 19 / 2 to 24 TPI
NOS. OF THREADS/RANGE (FOR FULL NORTON GEAR BOX)	METRIC : 24 / 0.5 mm to 15 mm PITCH INCH : 44 / 2 to 60 TPI
NO. OF FEEDS	19
RANGE OF LONGITUDINAL FEEDS	0.165 - 2 mm
RANGE OF TRANSVERSE FEEDS	0.04 - 0.485 mm

TAIL STOCK	
TAIL STOCK SPINDLE DIAMETER	50.8 mm
TAPER IN TAIL STOCK QUILL	MT - 4

TRAVEL AND TOOLS	
CROSS SLIDE TRAVEL	230 mm
COMPOUND SLIDE TRAVEL	140 mm
TAIL STOCK SLEEVE TRAVEL	140 mm
TOOL POST SQUARE	100 mm
TOOL SHANK SIZE	20 mm
SUITABLE ELECTRICAL HP	2 HP (3 phase)

STANDARD ACCESSORIES :

- CHUCK BACK PLATE
- CENTRE ADAPTER
- DEAD CENTRES 2 NOS
- TOOL POST SPANNER
- MOTOR PULLEY
- THREAD DIAL INDICATOR
- CHANGE GEAR SET
- CHIP TRAY

OPTIONAL ACCESSORIES :

- INDEPENDENT CHUCK
- SELF CENTRING CHUCK
- CHUCK BACK PLATE EXTRA
- STEADY REST
- FOLLOW REST
- FACE PLATE
- CARRIER PLATE
- TAPER TURNING ATTACHMENT
- COOLANT PUMP WITH TANK AND FITTINGS
- REAR TOOL POST
- ELECTRICALS (MOTOR, WIRING, SWITCH, V-BELTS AND FITTINGS)
- NORTON GEAR BOX (SINGLE OR DOUBLE SHAFT)
- SPLASH GUARD
- FOUNDATION ROUND PLATE WITH LEVELLING BOLTS
- QUICK CHANGE TOOL POST
- KEYWAY ATTACHMENT

NOTE : As improvements are constantly made in our machines, the above illustrations, specifications, dimensions and technical data are subject to modifications and change without prior notice and not binding on us.

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